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DATE: 07/11/2001

TIME: 09:45:52

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46

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/766,450

Input Set : A:\Uci-1118.app

Output Set: N:\CRF3\07112001\I766450.raw

ENTERED

4 <110> APPLICANT: Collins, Colin
 5 Volik, Stanislav
 6 Gray, Joe W.
 7 Albertson, Donna G.
 8 Pinkel, Daniel
 9 The Regents of the University of California
 11 <120> TITLE OF INVENTION: Repeat-Free Probes for Molecular
 12 Cytogenetics
 14 <130> FILE REFERENCE: 02307I-111800US
 16 <140> CURRENT APPLICATION NUMBER: US 09/766,450
 17 <141> CURRENT FILING DATE: 2001-01-19
 19 <160> NUMBER OF SEQ ID NOS: 112
 21 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 18
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Artificial Sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: primer 675342.fl
 31 <400> SEQUENCE: 1
 32 tgcacatctggg aggggtgtc
 34 <210> SEQ ID NO: 2
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 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: primer 675342.rl
 42 <400> SEQUENCE: 2
 43 aaccaatccc aaggatccag
 45 <210> SEQ ID NO: 3
 46 <211> LENGTH: 20
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: primer 673920.fl
 53 <400> SEQUENCE: 3
 54 gacctcactg ctcctgaacc
 56 <210> SEQ ID NO: 4
 57 <211> LENGTH: 20
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: primer 673920.rl
 64 <400> SEQUENCE: 4
 65 tctgcaacct ttgctttctg
 67 <210> SEQ ID NO: 5
 68 <211> LENGTH: 21

18

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69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: primer 759724.fl
75 <400> SEQUENCE: 5
76 caacatttggttgcatgcac c 21
78 <210> SEQ ID NO: 6
79 <211> LENGTH: 23
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: primer 759724.rl
86 <400> SEQUENCE: 6
87 tgtgtctttt tcttccctca aag 23
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 20
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: primer 652197.fl
97 <400> SEQUENCE: 7
98 ggagcatgca aaagaggatg 20
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 20
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: primer 652197.rl
108 <400> SEQUENCE: 8
109 cagatccac tgccattagc 20
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 21
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: primer 746914.fl
119 <400> SEQUENCE: 9
120 ggagtaaagg aggctgactg g 21
122 <210> SEQ ID NO: 10
123 <211> LENGTH: 22
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: primer 746914.rl
130 <400> SEQUENCE: 10
131 caccacagca gtaagctgaa ag 22
133 <210> SEQ ID NO: 11
134 <211> LENGTH: 22
135 <212> TYPE: DNA

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136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: primer 770028.f1
141 <400> SEQUENCE: 11
142   ttttcagagg cttcccatag tc                                22
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145 <211> LENGTH: 20
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: primer 770028.r1
152 <400> SEQUENCE: 12
153   tgcttttcca ttcctgcttc                                20
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156 <211> LENGTH: 23
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: primer 748329.1.f1
163 <400> SEQUENCE: 13
164   aaagcatagg aaacatccaa atg                                23
166 <210> SEQ ID NO: 14
167 <211> LENGTH: 21
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: primer 748329.1.r1
174 <400> SEQUENCE: 14
175   tcgatcaagc tttcaaagga c                                21
177 <210> SEQ ID NO: 15
178 <211> LENGTH: 18
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: primer 748329.2.f1
185 <400> SEQUENCE: 15
186   aacccgggag gttgtcag                                    18
188 <210> SEQ ID NO: 16
189 <211> LENGTH: 20
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: primer 748329.2.r1
196 <400> SEQUENCE: 16
197   tttgcatggt ttgcatttgg                                20
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200 <211> LENGTH: 21
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202 <213> ORGANISM: Artificial Sequence

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207 <400> SEQUENCE: 17
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213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: primer 656003.1.rl
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219   ccctggattt cagctgtttc                               20
221 <210> SEQ ID NO: 19
222 <211> LENGTH: 20
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: primer 656003.2.fl
229 <400> SEQUENCE: 19
230   atcaccttca ttccctcttg                               20
232 <210> SEQ ID NO: 20
233 <211> LENGTH: 20
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: primer 656003.2.rl
240 <400> SEQUENCE: 20
241   tgaccacatt tctgcctttg                               20
243 <210> SEQ ID NO: 21
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: primer 650954.fl
251 <400> SEQUENCE: 21
252   gaacgcagct ttcctttttg                               20
254 <210> SEQ ID NO: 22
255 <211> LENGTH: 22
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: primer 650954.rl
262 <400> SEQUENCE: 22
263   gggaagacaa ctcttggaat tg                               22
265 <210> SEQ ID NO: 23
266 <211> LENGTH: 21
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:

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271 <223> OTHER INFORMATION: primer 654685.f1
273 <400> SEQUENCE: 23
274   gcaactttct cccgggttaga g                               21
276 <210> SEQ ID NO: 24
277 <211> LENGTH: 22
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: primer 654685.r1
284 <400> SEQUENCE: 24
285   cagctgtgta ctgtttggct tg                               22
287 <210> SEQ ID NO: 25
288 <211> LENGTH: 21
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: primer 663047.f1
295 <400> SEQUENCE: 25
296   aggggaagaga ggtgtctcag c                               21
298 <210> SEQ ID NO: 26
299 <211> LENGTH: 20
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: primer 663047.r1
306 <400> SEQUENCE: 26
307   aaaaagccag tgctttctgg                               20
309 <210> SEQ ID NO: 27
310 <211> LENGTH: 20
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: primer 683270.f1
317 <400> SEQUENCE: 27
318   aactgtgggg cctttagatg                               20
320 <210> SEQ ID NO: 28
321 <211> LENGTH: 20
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: primer 683270.r1
328 <400> SEQUENCE: 28
329   cagggttttc ccacagaaag                               20
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332 <211> LENGTH: 20
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: primer 683663.f1

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VERIFICATION SUMMARY

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